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TO: Commissioner for  
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Attn: Examiner Shuwang Liu  
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FROM: Gregory A. Sebald

OUR REF: 09320.0092USWO  
TELEPHONE: (612) 332-5300

Total pages, including cover letter: 12

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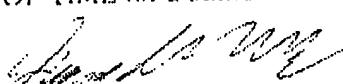
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Title of Document Transmitted:

Amendment and Response; Petition for  
Extension of Time

Applicant: Combelles, et al  
Serial No.: 09/446,958  
Filed: November 12, 2002  
Group Art Unit: 2634  
Our Ref. No.: 09320.0092USWO

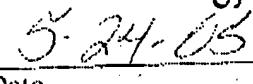
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	COMBELLES et al.	Examiner:	Shuwang Liu
Serial No.:	09/446,958	Group Art Unit:	2634
Filed:	November 12, 2002	Docket No.:	9320.92USWO
Customer No.:	23552	Confirmation No.:	3201
Title:	MULTICARRIER MODULATION USING WEIGHTED PROTOTYPE FUNCTIONS		

**CERTIFICATE UNDER 37 CFR 1.6(d):**  
I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on May 24, 2005.

By: *Shuwang Liu*  
Name: *Shuwang Liu*

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE**

Dear Sir:

In response to the Office Action mailed March 30, 2005, please amend the above-identified application as follows:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 10 of this paper.